

CALIFORNIA AIR RESOURCES BOARD
MONTHLY QUALITY CONTROL MAINTENANCE CHECK SHEET
R&P PARTISOL-PLUS MODEL 2025 PM-2.5 AIR SAMPLER

Site Name: _____
Site Number: _____
Agency: _____
Operator: _____

Month/Year: _____
Sampler I.D. Number: _____
Sampler Serial Number: _____
Primary, Collocated, Audit, or Other: _____

Maintenance Instructions for Daily Sampling:

After Each Run: Remove sampled filter; Download, record, and review sample data; Inspect WINS impactor and clean if necessary; Install new sample filter; Program sampler for next run.

Weekly: Inspect water collector bottle and drain if necessary; Ship sampled filters along with the sample data to the originating laboratory.

Monthly: Disassemble, clean, and inspect O-rings of PM10 inlet; Clean interior cabinet and downtube; Clean or replace air intake filters; Inspect "V" Seals; Perform flow, temperature, pressure, and clock verification checks and record results; Perform leak check and record results. DATE LAST PERFORMED: _____
FORWARD THIS CHECK SHEET AND COPIES OF ALL SAMPLE FIELD DATA SHEETS TO SECOND LEVEL REVIEWER.

Semiannually: Perform flow, temperature, and pressure calibrations; DATE LAST PERFORMED: _____

Results

ACTION	Indicated	Actual	Sampler	% Difference	Control Limits*
Flow Rate					16.50 to 16.83 L/min
Ambient Temp.					±2 °C
Ambient Press.					±10 mm Hg
Filter Temp.					±2 °C
Clock Time					±1min/mo
Leak Check					<25 mm Hg

*If check exceeds limits, investigate to determine cause and repeat check at later time or date.
If second check also exceeds limits, request a re-calibration.

Standards

Standard	Make/Model	Serial/I.D.Number	Date Certified	Slope	Intercept
Flow Rate					
Temp.					
Pressure					
Clock					